

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A fracture-proof flat clasping floorboard piece, which has an elongated strip shape; a slot mortise ~~[[being]]~~ formed along one of the long sides of the floorboard piece, ~~[[while]]~~ a tenon ~~[[is]]~~ provided along the other long side; the short sides of the floor board piece being also provided with a slot mortise and a tenon; ~~the upper and lower side walls of the slot mortise being respectively short and long ends~~ an upper side wall of the slot mortise having a short end and a lower side wall of the slot mortise having a long end; ~~[[the]]~~ an upper surface of the slot mortise being parallel to and having the same height with ~~[[the]]~~ an upper surface of the tenon; characterized in that a V-shaped groove is provided in ~~[[the]]~~ a lower surface of the slot mortise and a corresponding convexity ~~[[being]]~~ is provided on ~~[[the]]~~ a lower surface of the tenon; the convexity, in ~~[[the]]~~ an insertion direction of the tenon, has an anti-self-locking oblique surface formed on ~~[[its]]~~ a front end thereof; the anti-self-locking oblique surface forms a first angle with ~~[[the]]~~ an upper surface of the floorboard strip; the first angle ranging from 15-35°; a corresponding oblique surface is formed on ~~[[the]]~~ an external surface on the long end ~~(lower side wall)~~ of the lower side wall of the slot mortise to engage with the anti-self-locking oblique surface; ~~[[the]]~~ a rear end of the convexity matches perfectly with ~~[[the]]~~ an external side surface of the V-shaped groove to form a self-locking surface, which forms a second angle with the upper surface of the strip; the second angle ranges from 30-70°; the long end of the slot mortise being capable of engaging an anti-self-locking oblique surface of another floorboard; and the external shape of the tenon corresponds with the shape of the slot mortise.

2. (Original) The fracture-proof flat clasping floorboard strip as claimed in Claim 1, characterized in that the long end of the side wall of the slot mortise is 2-4mm longer than the short end.

3. – 5. (Canceled)